## AMENDMENTS

**Listing of Claims:**

The following listing of claims replaces all previous listings or versions thereof:

1. (currently amended) A ~~composition~~device for assessing the presence of at least a first target molecule in a sample comprising at least ~~a first and a second~~ two distinct low-to-moderate affinity peptoid binding ~~element~~elements randomly distributed on a surface of and operatively coupled to a support, wherein ~~concomitant binding of the first target molecule to two or more~~ a first peptoid binding element and a second peptoid binding ~~elements results in a~~element cooperatively bind the first target molecule with high affinity ~~interaction with the first target molecule~~.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Currently amended) The ~~composition~~device of claim **[[4]]**1, wherein a spacer is operatively coupled to the first peptoid binding element, the second peptoid ~~second~~ binding element or both the first and second peptoid binding element.

6.-10. (Canceled)

11. (Currently amended) The ~~composition~~device of claim 1, wherein the first peptoid binding element is operatively coupled to a terminal monomer of the second peptoid binding element.

12. (Currently amended) The ~~composition~~device of claim 1, wherein the first peptoid binding element is operatively coupled to an internal monomer of the second peptoid binding element.

13. (Currently amended) The ~~composition~~device of claim 1, wherein a plurality of first peptoid binding elements are operatively coupled to the second peptoid binding element.

14. (Currently amended) The ~~composition~~device of claim 1, wherein the support is a cross-linked polymer bead or a chemically-modified glass slide.

15. - 21. (Canceled)

22. (Currently amended) The ~~composition~~device of claim 1, further comprising at least a third and a fourth low-to-moderate affinity peptoid binding element that bind a second target molecule, the third and fourth peptoid binding element distributed on a surface of, and operatively coupled to, the support, wherein concomitant binding of the second target molecule to the third and fourth peptoid binding elements results in a high affinity interaction with the second target molecule.

23. (Currently amended) The ~~composition~~device of claim 22, wherein the third and fourth low affinity peptoid binding elements have distinct binding specificity as compared to each other.

24. (Currently amended) The ~~composition~~device of claim 22, wherein the third and fourth peptoid binding elements have distinct binding specificity as compared to the first and second low affinity peptoid binding elements.

25. (Currently amended) The ~~composition~~device of claim 22, wherein the first and second low affinity peptoid binding elements are segregated from the third and fourth low affinity peptoid binding elements.

26. (Currently amended) The ~~composition~~device of claim 22, wherein the first and second low affinity peptoid binding elements are segregated from the third and fourth low affinity peptoid binding elements on the surface of the support.

27. (Currently amended) The ~~composition~~device of claim 26, wherein the first and second peptoid binding elements, and the third and fourth peptoid binding elements, are distributed randomly on the surface of the support within their respective segregated areas.

28. (Withdrawn) A method of determining the presence of a target molecule in a sample comprising:

(a) exposing the sample to a plurality of low-to-moderate affinity peptoid binding elements distributed on a surface of, and operatively coupled to a support, wherein concomitant binding of the target molecule to at least a two of the binding elements results in a specific high affinity interaction with the target molecule; and

(b) evaluating binding of the target molecule to the peptoid binding elements.

29. (Withdrawn) The method of claim 28, wherein binding is observed by spectroscopy.

30. (Withdrawn) The method of claim 29, wherein spectroscopy is fluorescent spectroscopy.

31. (Withdrawn) The method of claim 29, wherein spectroscopy is magnetic resonance imaging.

32. (Withdrawn) The method of claim 28, wherein the target molecule is a biological molecule or metabolite.

33. (Withdrawn) The method of claim 28, wherein the target molecule is a protein.

34. (Withdrawn) The method of claim 33, wherein the protein is a modified protein.

35. (Withdrawn) The method of claim 34, further comprising

(c) comparing the binding in step b) with the binding of an unmodified protein.

36-48. (Canceled)